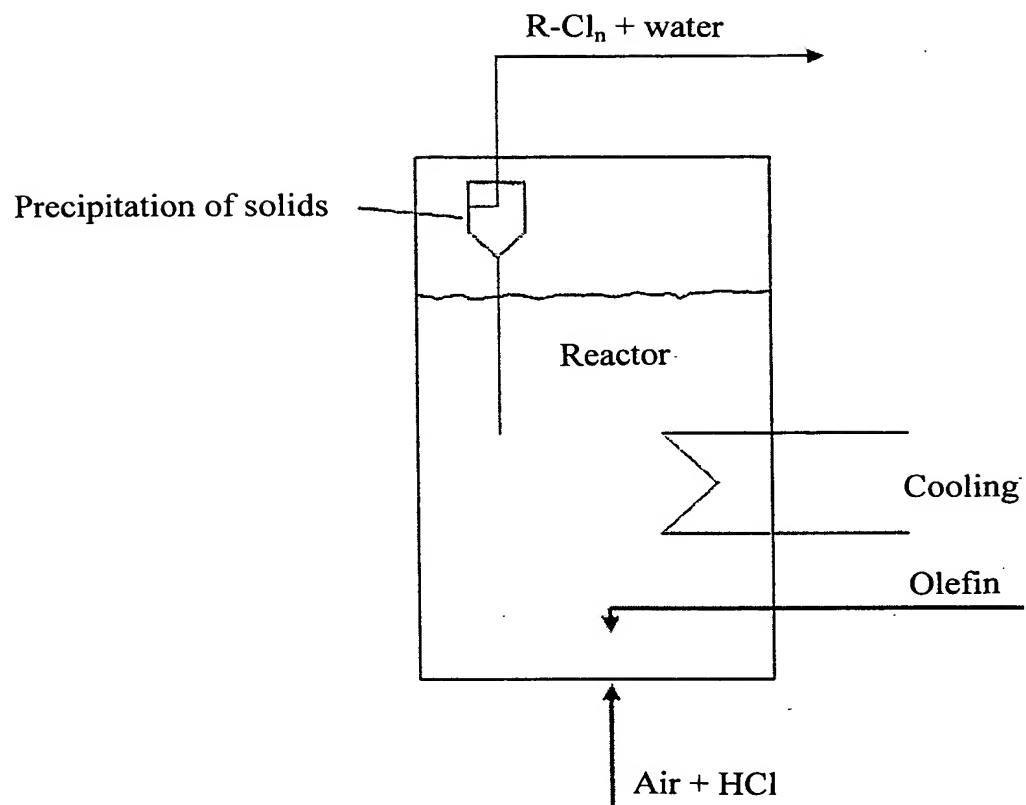
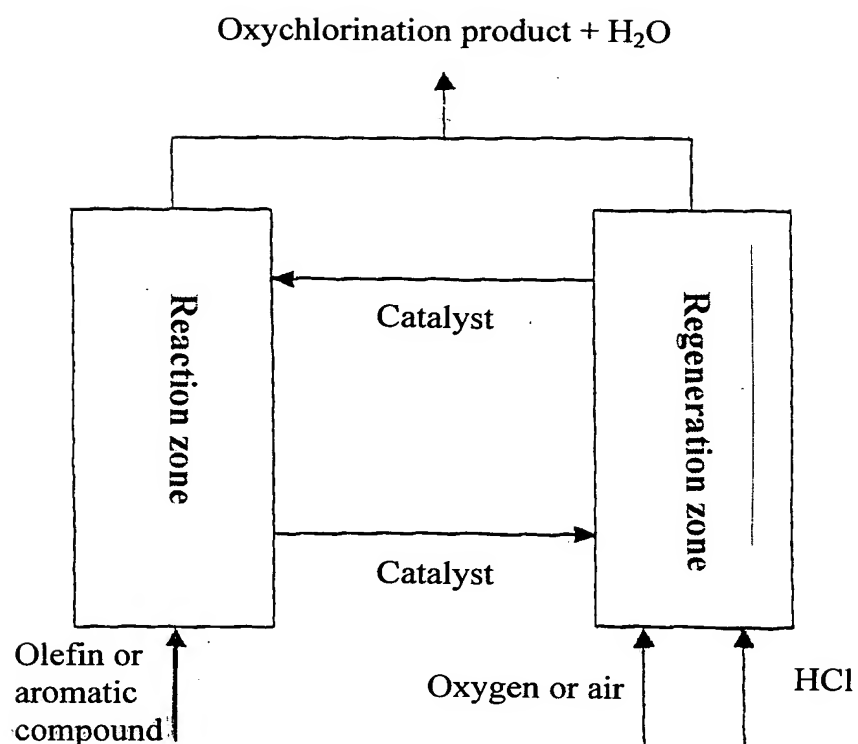
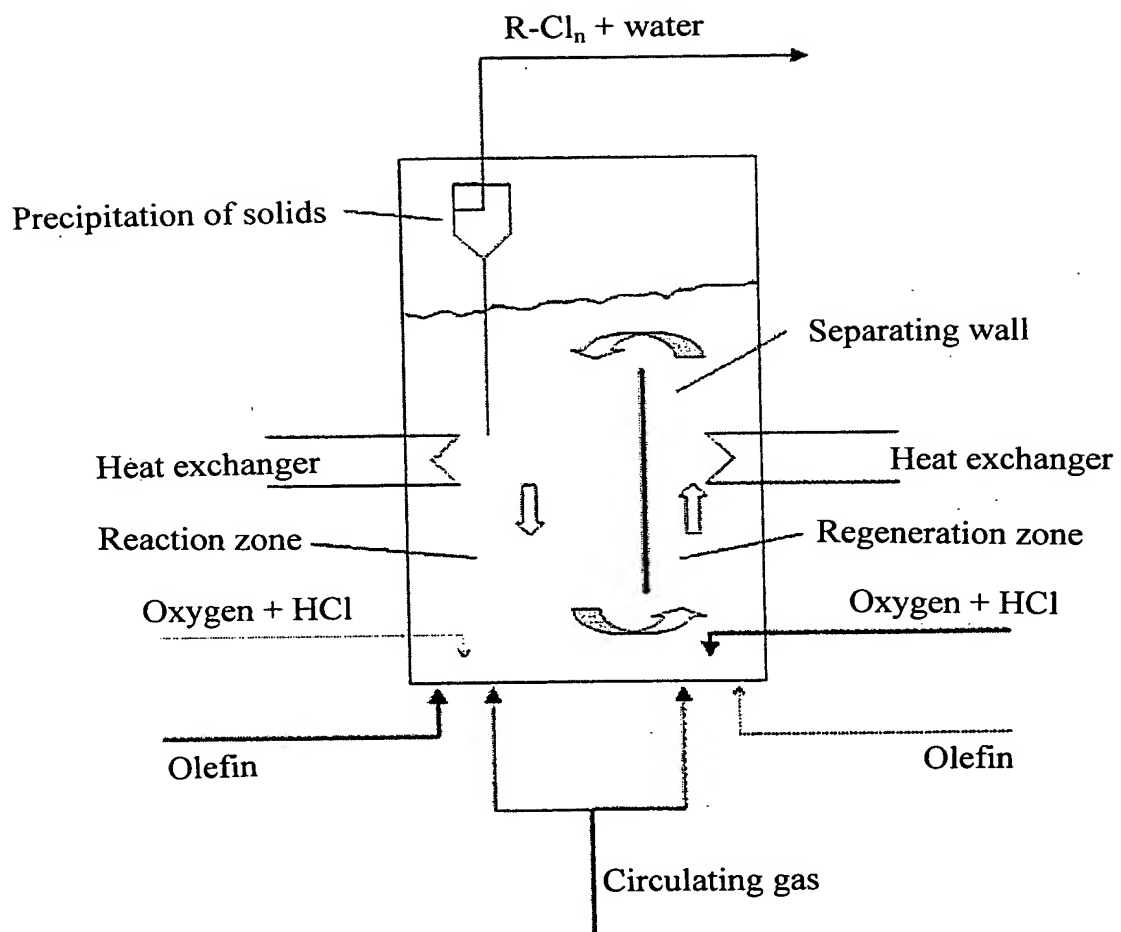


Fig. 1

**Fig. 2**

**Fig. 3**

**Fig. 5**

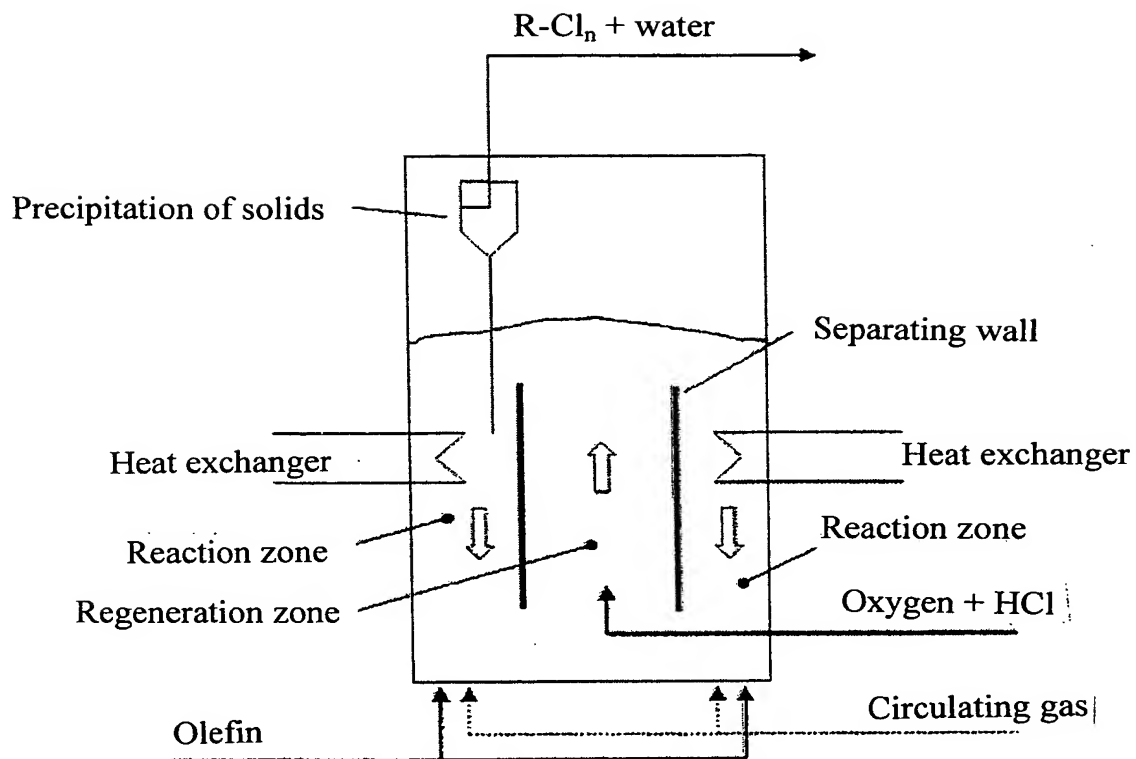
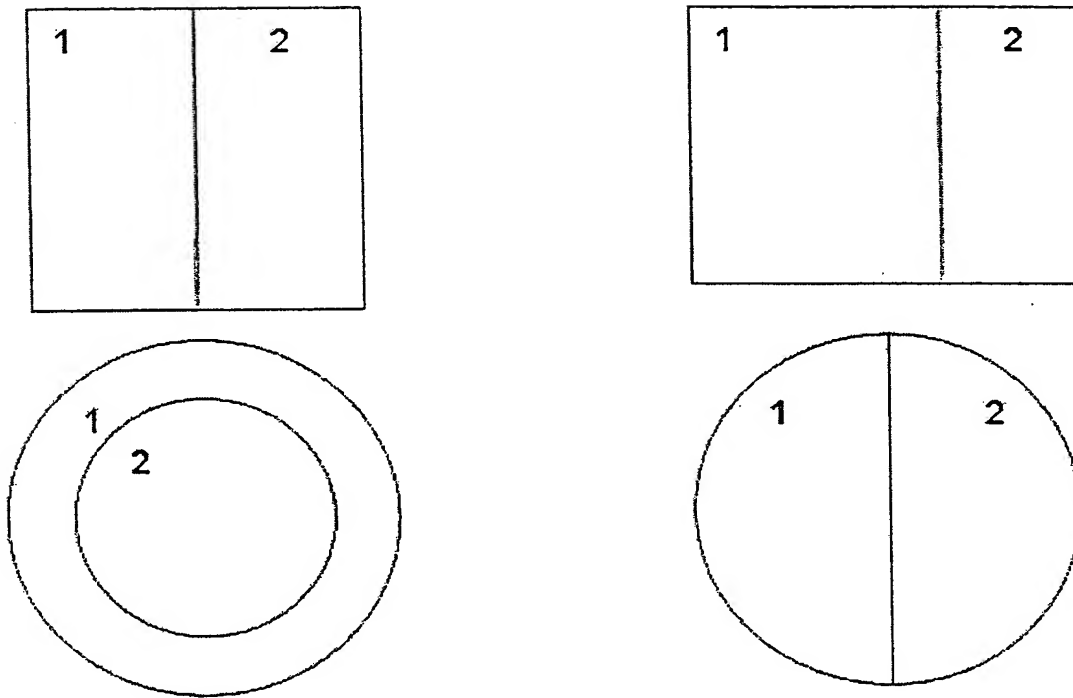
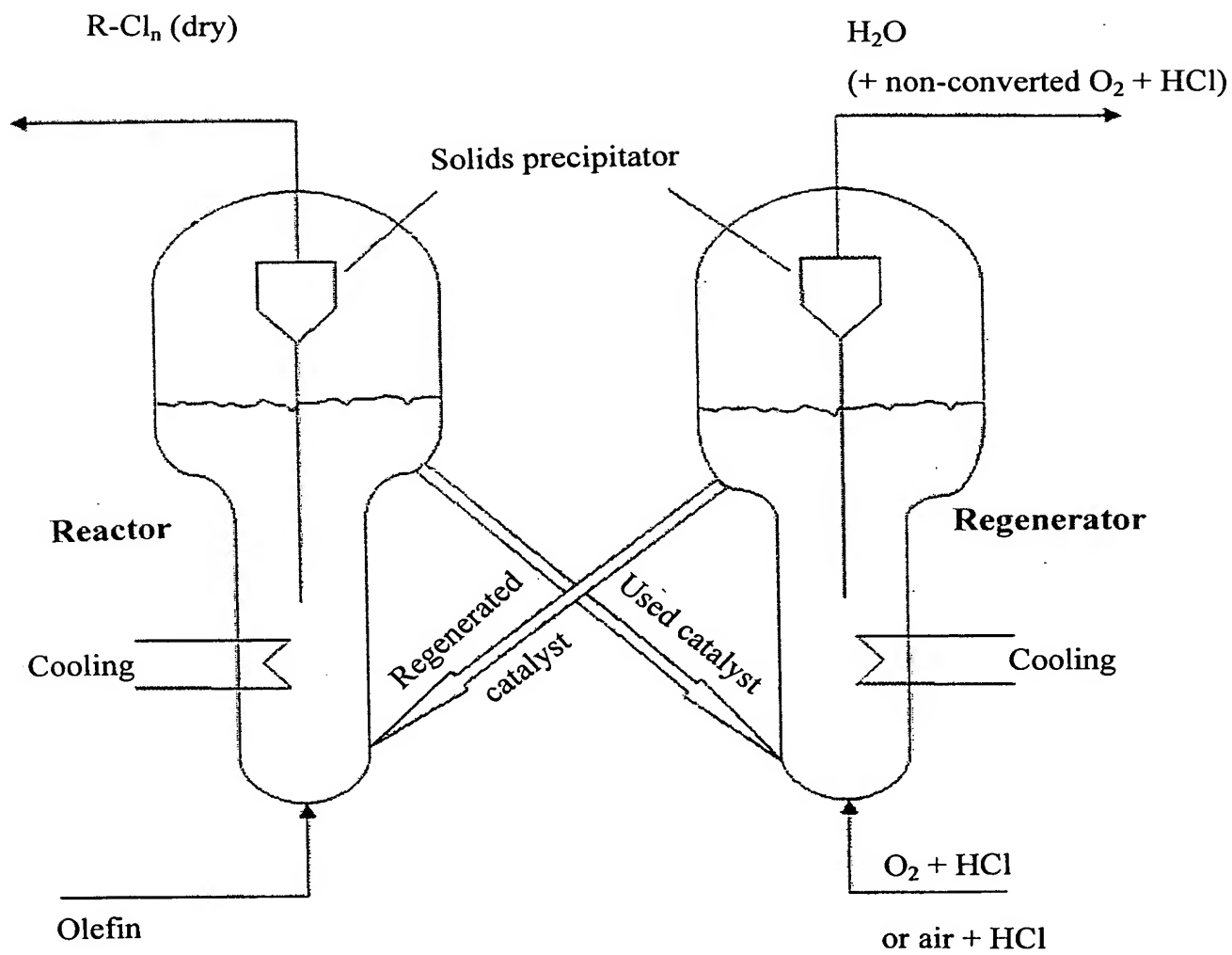


Fig. 6



- 1 Regeneration zone**
2 Reaction zone

Fig. 7

**Fig. 8**

Nomogram of catalyst circulation rate

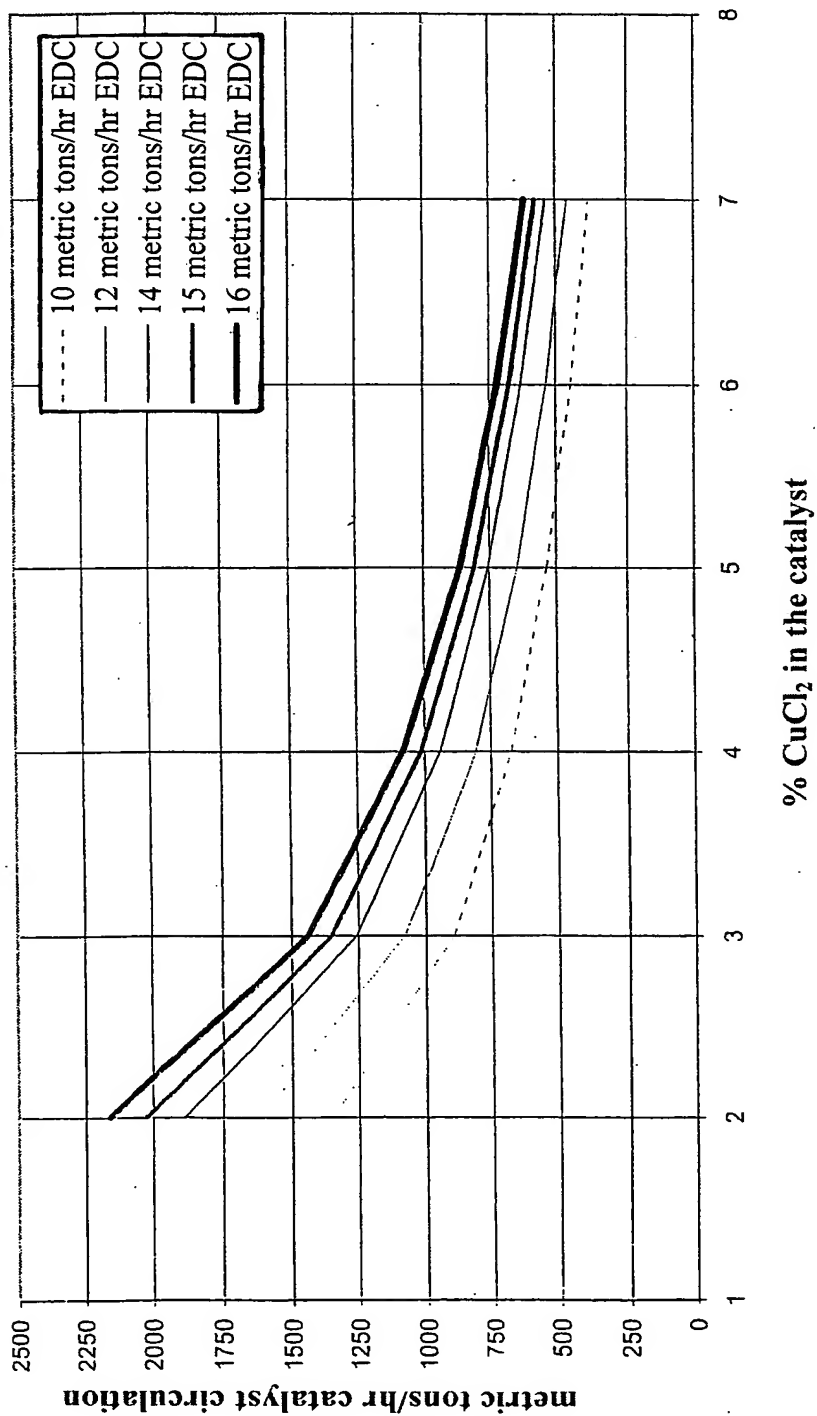


Fig. 9

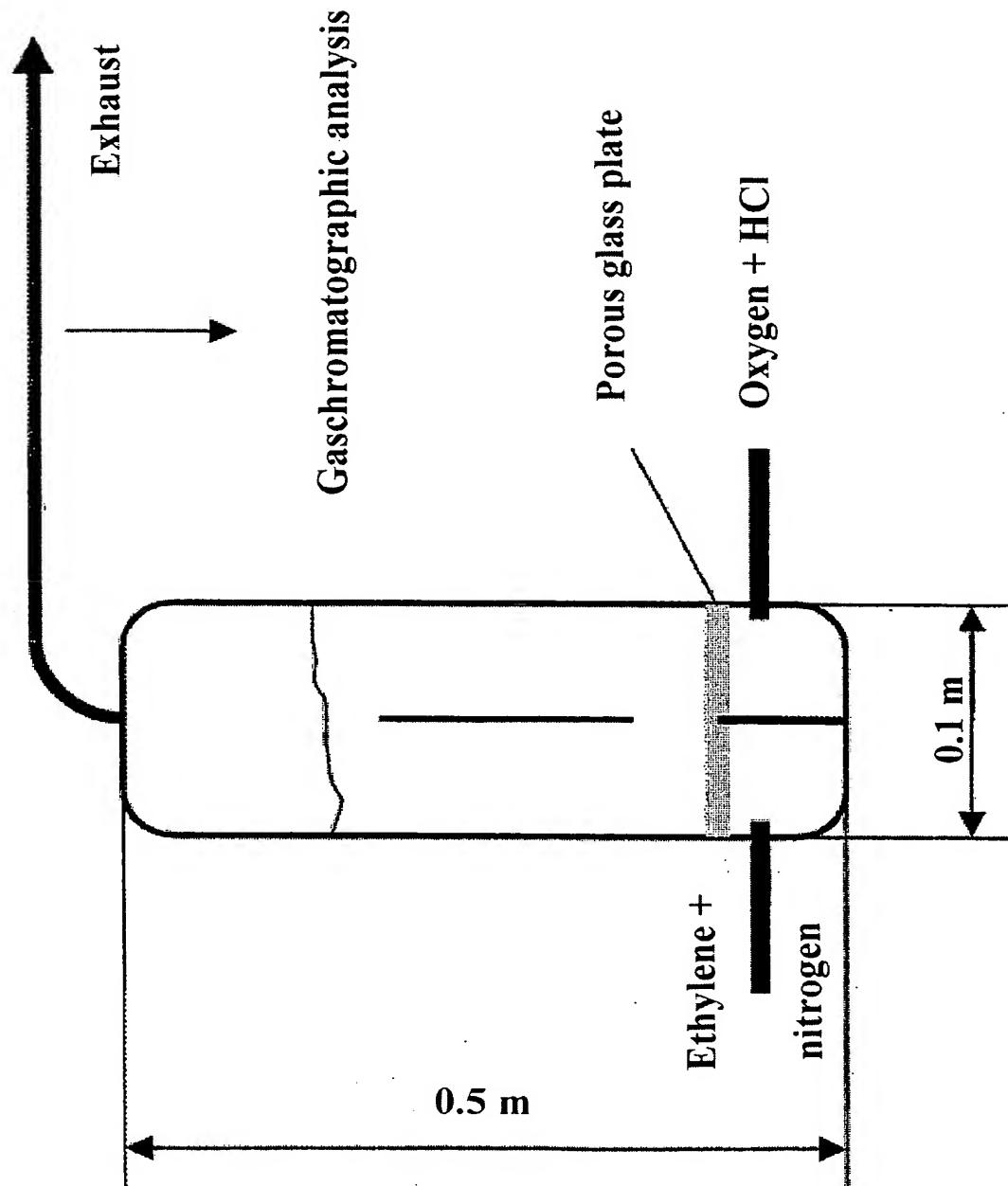


Fig. 10